



Parts Manual

Mfg. No: 38702x8D
Lawn Tractor (1996)

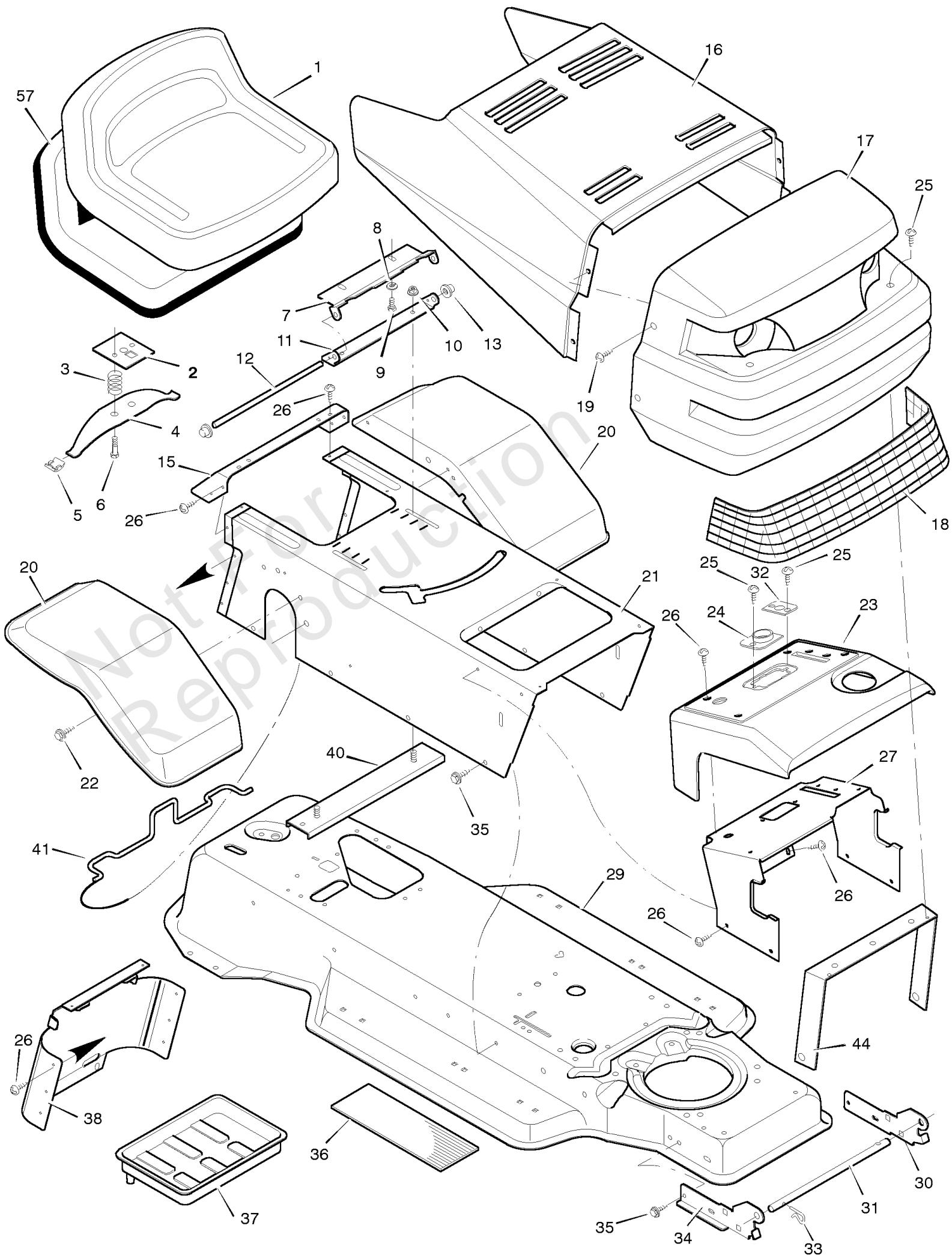
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Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

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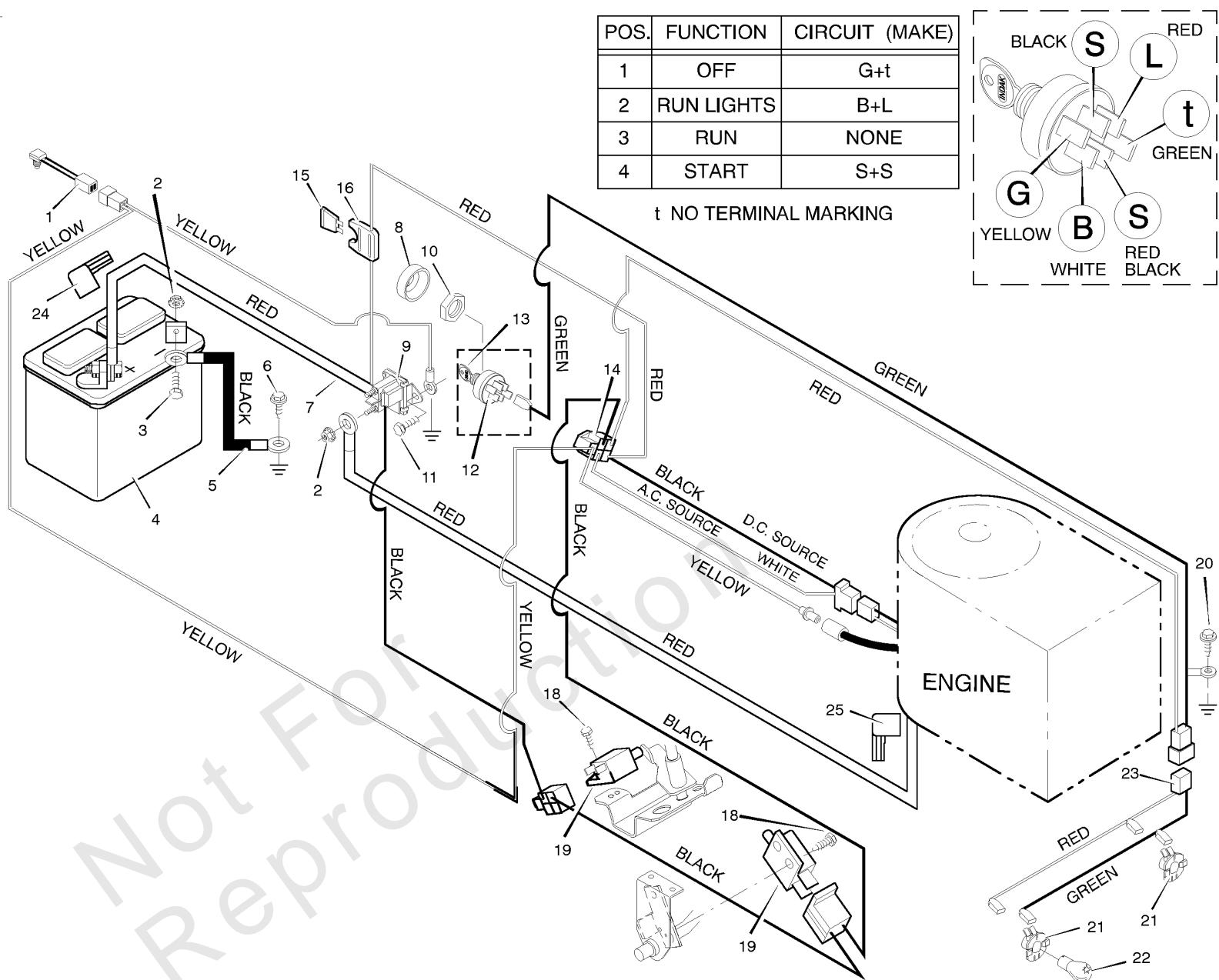
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	092469		Seat Cover
2	091963 Z		Plate Assembly, Switch
3	164X26MA		Spring, Compression
4	091964MA		Spring, Seat
5	091822MA		Glide, Spring
6	009X38MA		Bolt, Shoulder
7	92334E701		Support, Seat
8	018X16MA		Lockwasher
9	001X45MA		Bolt, Hex
10	015X88MA		Locknut, Flange
11	091729E701		Bracket, Pivot
12	91730E701		Rod, Pivot
13	028X23MA		Cap, Push On
15	91724E701		Fender, Apron
16	092333F200		Hood
17	092350MA		Grille Assembly -(Includes Lens)
18	092344MA		Lens
19	009X47MA		Screw
20	92328F200		Fender
21	092727F200		Console Assembly
22	26X263MA		SCREW.25-20 S-T
23	070138MA		Dash Panel
24	092399		Bearing, Steering
25	26X239MA		Screw
26	26X270		Screw
27	92331E701		Support, Dash
29	092815F200		Frame Assembly
30	092347E701MA		Bracket, Left Grille
31	092332 Z		Rod, Pivot
32	092398		Bearing
33	0031X4MA		Pin, Hair
34	92346E701		Bracket, Right Grille
35	26X249MA		Screw
36	091900MA		Mat
37	091895MA		Tray, Battery
38	092443F200		Cap, Console
39	002X64MA		Bolt
40	091857E701		Channel Assembly
41	092725 Z		Clamp, Battery
44	92448 Z		Brace, Grille
57	092357		Pan, Seat (with foam)
--	F-96700		Book, Instruction (English)
--	F-96733		Repair Parts Book
--	44X3043		Decal, Left Hood
--	44X3042		Decal, Right Hood
--	44X3608		Decal, Console
--	44X4308		Decal, Warning
--	44X1459		Decal, Shift Pattern
--	280X56		Plaque, Name

Electrical System

Note: Unless noted otherwise, use the standard torque specifications

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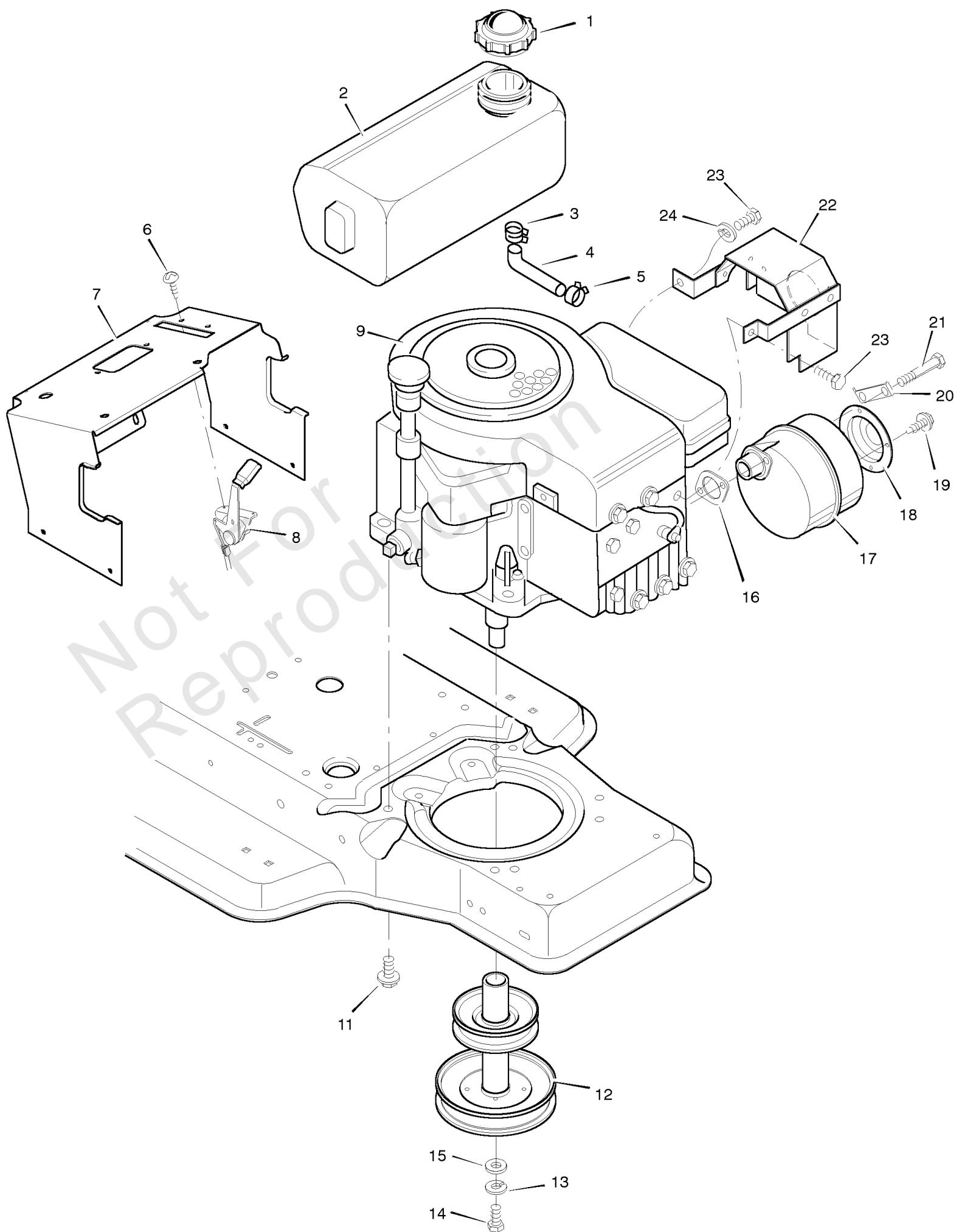
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	091031		Switch, Seat Sensor
2	15X116MA		Locknut
3	001X38MA		Bolt, Hex
4	091414		Battery
--	055702		Acid, Battery (Electrolyte)
5	0024X9MA		Cable, Battery Ground
6	26X249MA		Screw
7	024X29MA		Cable, Red Battery
8	091488		Cap, Ignition
9	024285		Solenoid
10	091489MA		Nut
11	26X214MA		Screw
12	092377MA		Switch, Ignition
13	020729		Key, Ignition
14	250X50MA		Harness, Chassis Wire
15	054212		Fuse
16	407078MA		Holder, Fuse
18	26X233MA		Screw
19	024273MA		Switch, Clutch
20	0025X2MA		Screw
21	092372		Socket, Light
22	090084MA		Bulb, Light
23	250X40MA		Harness, Light Wire
24	054148MA		Cover, Terminal
25	-----		UNKNOWN

Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

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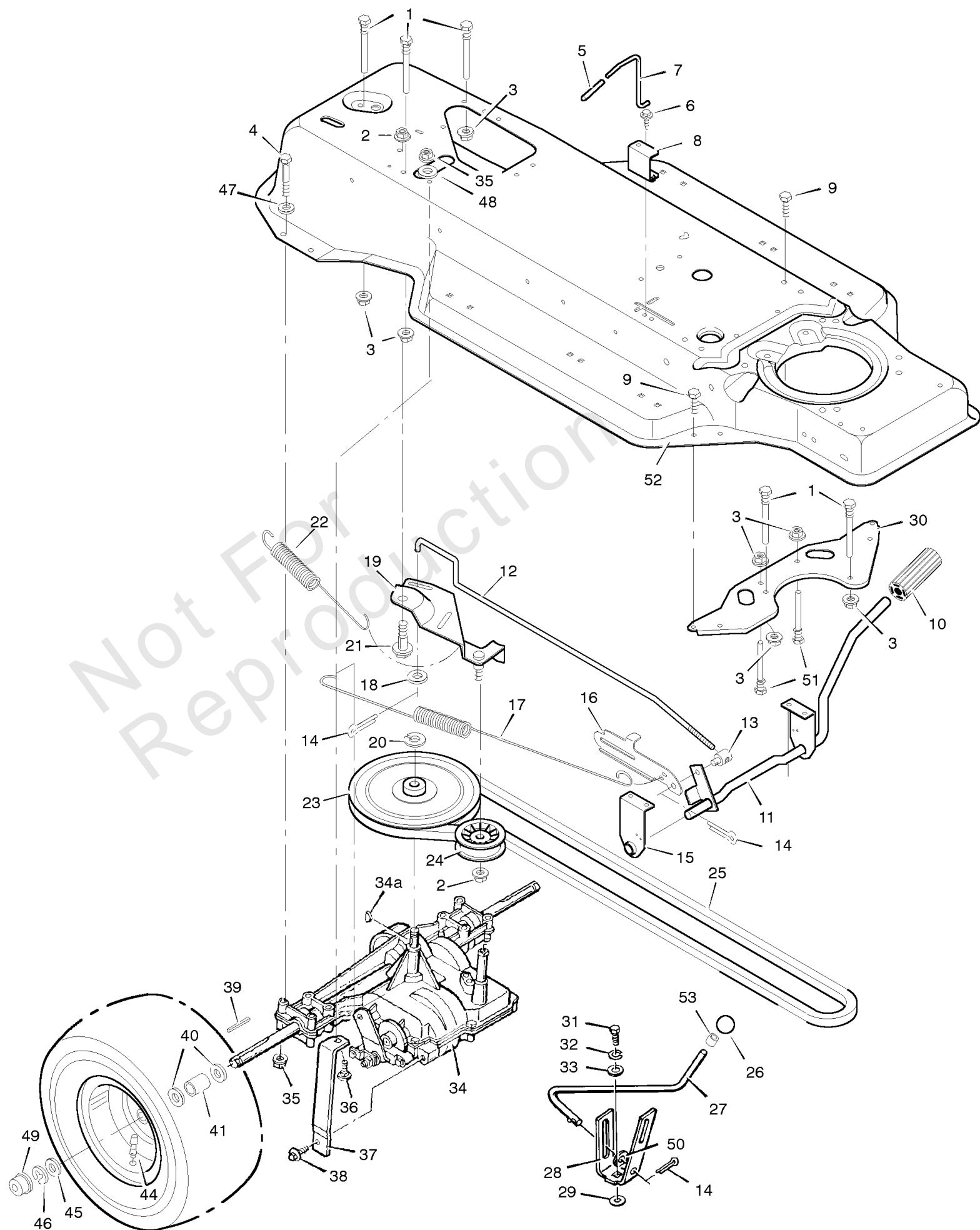


Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	092317MA		FUEL CAP
2	092342		Fuel Tank
3	091174		Hose Clamp
4	023717		Fuel Line
5	023713MA		Hose Clamp
6	26X201MA		Screw
7	92331E701		Support, Dash
8	092371MA		Throttle Control
9	-----		Engine *
11	0025X7MA		Bolt, Engine Mount
12	092318		Stack Pulley Assembly
13	019X35MA		Lockwasher
14	01X140MA		Bolt, Hex
15	17X170MA		WASHER.46.97.25 FLAT
16	692236		GASKET, Exhaust
17	091271		Muffler
18	023740 Z		Deflector, Muffler
19	26X208MA		Screw
20	092378MA		LOCK-SCREW 223016
21	01X134MA		Bolt
22	092381SE		Shield, Heat
23	0025X2MA		Bolt
24	018X32MA		Washer

Footnotes:

Note* Parts are available from a Briggs & Stratton Authorized Service Center. See "Engines, Gasoline" or "Gasoline Engines" in the yellow pages of the telephone directory.



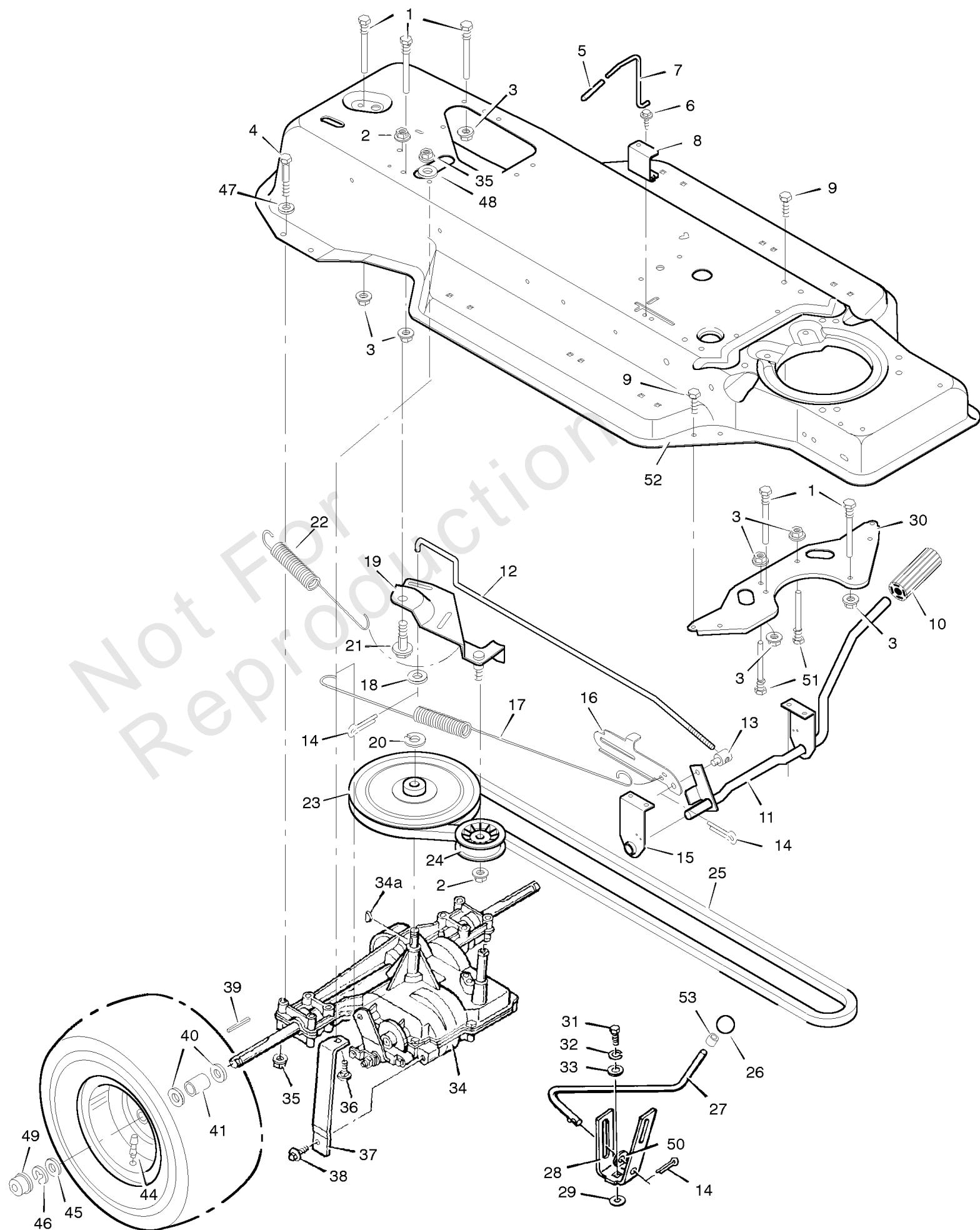
Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	91754 Z		Guide, Belt
2	015X84MA		Locknut, Flange
3	15X792		Nut, Flange
4	01X124		Bolt, Hex
5	092724		Grip
6	26X214MA		Screw
7	91727E701		Rod, Control
8	91825E701		Guide, Bracket
9	26X249MA		Screw
10	021544MA		Clutch and Brake Pedal
11	91862E701		Lever Assembly
12	918082		Rod, Clutch
13	021920ZMA		Nut, Adjustable
14	030X20MA		Pin, Cotter
15	091713E701		Bracket, Support
16	917122		Latch, Park Brake
17	165X82MA		Spring, Brake Extension
18	17X472		Washer
19	092737 Z		Bracket Assembly, Idler
20	0011X7MA		Ring, Retainer
21	009X39MA		Bolt, Shoulder
22	165X76		Spring, Drive Extension
23	091807		Pulley, Motion Drive
24	091179MA		Pulley, Backside Idler
25	037X61AMA		Belt, Motion Drive
26	091995		Knob, Shift Lever
27	091805 Z		Lever, Shift
28	091806 Z		Yoke, Shift
29	17X148MA		Washer
30	092694E701MA		Plate, Belt Guide
31	01X145MA		Bolt, Hex
32	018X32MA		Lockwasher
33	17X180MA		Washer
34	-----		Transaxle, Peerless **
34A	020697MA		Woodruff Key No. 9
35	015X88MA		Nut, Flange
36	002X64MA		Bolt, Carriage
37	91804E701		Support, Transaxle
38	26X216MA		Screw
39	021553MA		Key, Square
40	17X160MA		Washer
41	87X100 Z		Spacer, Transaxle
42	091923MA		Tire *
--	407049MA		Tube
43	0 92288601		Wheel & Tire Assembly
44	024373MA		VALVE STM&CP,TR41 SE
45	17X115MA		Washer
46	0011X3MA		RING, E .750D .050T

Footnotes:

Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

Note** Contact your nearest Peerless transaxle dealer for parts and service.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
47	017X37MA		Washer
48	017X45MA		WASHER,FLAT .33 1. 16
49	024582MA		Hub Cap -(Optional)
50	17X102MA		Washer
51	020619MA		Guide, Belt
52	092815E245		Frame Assembly
53	092008		Ring, Tolerance
55	92490E701		Guard
56	92489E701		Guard
57	26X250MA		Screw

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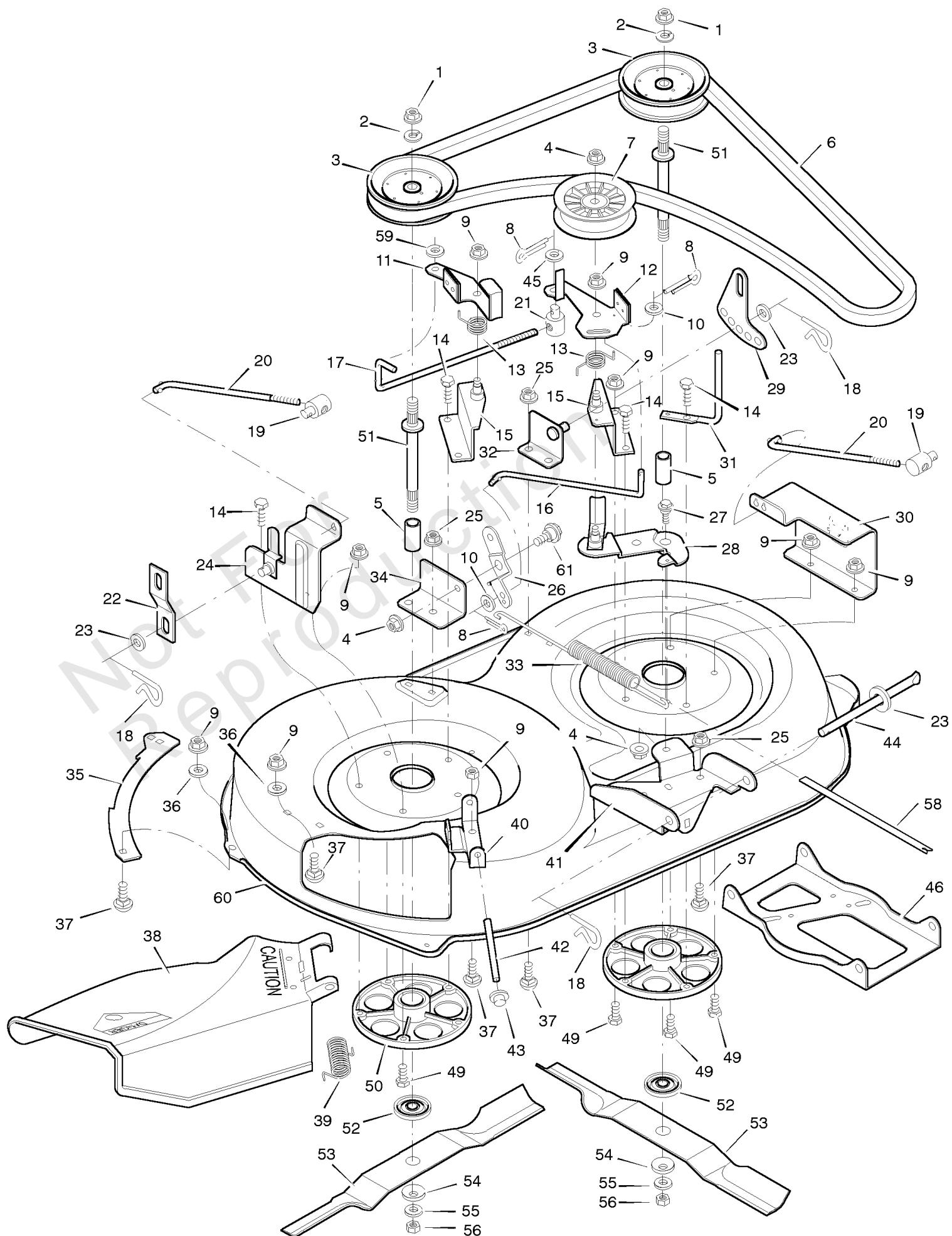
Footnotes:

Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.
Note** Contact your nearest Peerless transaxle dealer for parts and service.

Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 38702x8D



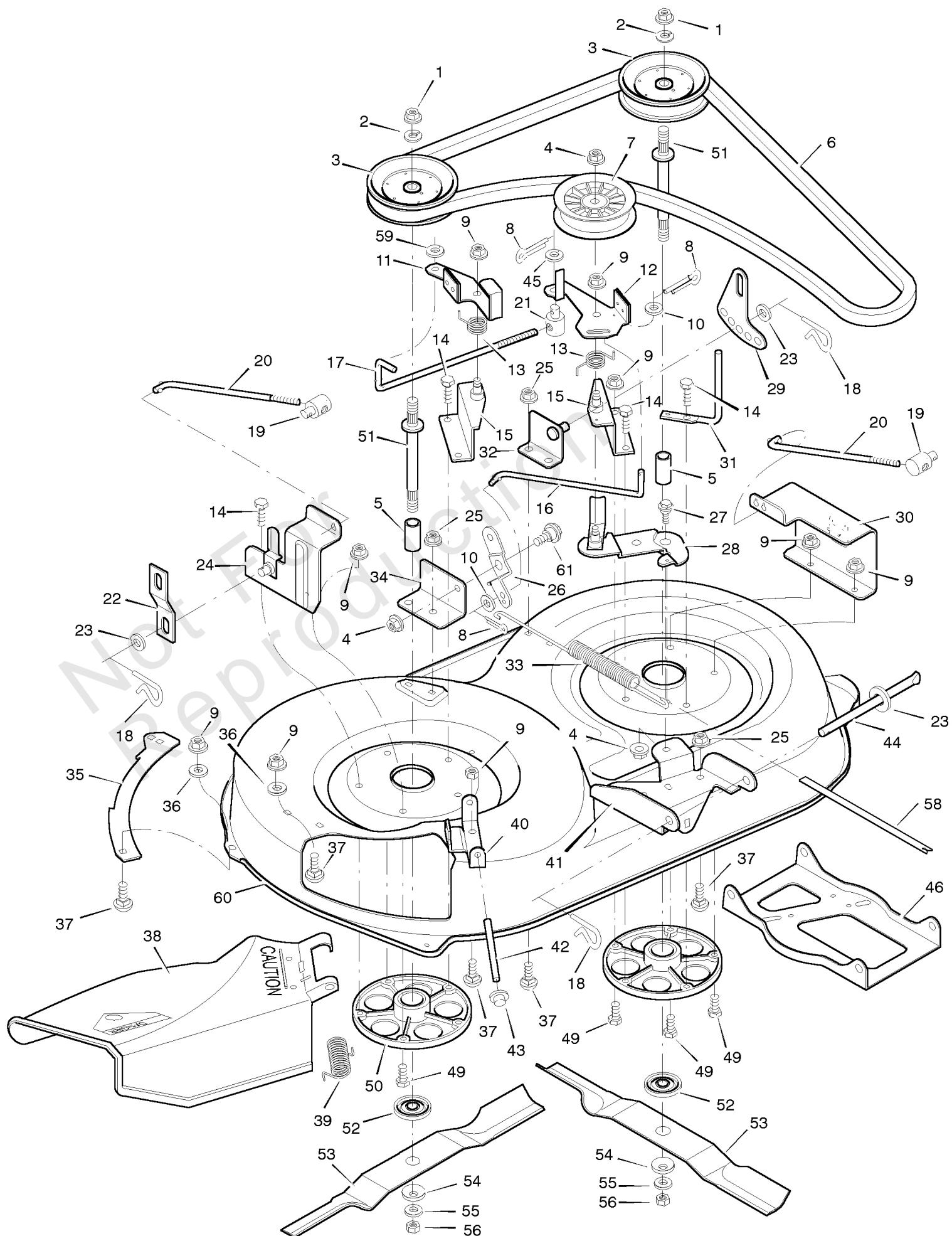
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	15X100MA		Nut, Hex
2	018X33MA		Lockwasher
3	091769MA		Pulley, Jackshaft
4	015X84MA		Locknut, Flange
5	091903MA		Spacer
6	037X63A		Belt, Blade Drive
7	091801		Pulley, Idler
8	030X20MA		Pin, Cotter
9	015X88MA		Locknut, Flange
10	17X462		Washer
11	092183SEMA		Brake Assembly, Right
12	092183SEMA		Brake Assembly, Left
13	166X27MA		Spring, Torsion
14	0025X7MA		Bolt, Hex
15	92072E701		Bracket Assembly, Brake
16	091745 Z		Rod, Brake
17	092183 Z		Rod, Cross Link
18	0031X4MA		Pin, Hair
19	092131		Nut, Adjustable
20	091748 Z		Rod, Adjuster
21	021920ZMA		Nut, Adjustable
22	092064E701MA		Link, Suspension
23	17X103MA		Washer
24	92485E701		Bracket Assembly, Right Lifter
25	015X79MA		Nut, Flange
26	092033SEMA		Bracket, Pivot
27	009X39MA		Bolt, Shoulder
28	92032E701		Arm Assembly, Idler
29	091741E701MA		Plate, Adjuster
30	92083E701		Cover, Pulley
31	91797E701		Guide, Belt
32	091813E701		Bracket Assembly, Left Lifter
33	165X72MA		Spring, Extension
34	091743E701		Bracket, Pivot
35	091770E700MA		Plate
36	017X57MA		Washer
37	002X53MA		Bolt, Carriage
38	092465		Deflector Assembly, Chute
39	0166X4MA		Spring, Torsion
40	91765E701		Bracket, Hinge
41	091793E701MA		Bracket, Front Hanger
42	091767 Z		Rod, Deflector
43	028X23MA		Cap, Push On
44	091739 Z		Rod, Hanger
45	17X124MA		Washer
46	092119SEMA		Hanger, Front
49	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
50	090905		Housing, Jackshaft
51	091922MA		Jackshaft
52	092466MA		Adapter, Blade
53	092003E701MA		Blade, 38" (2 required)

Mower Housing

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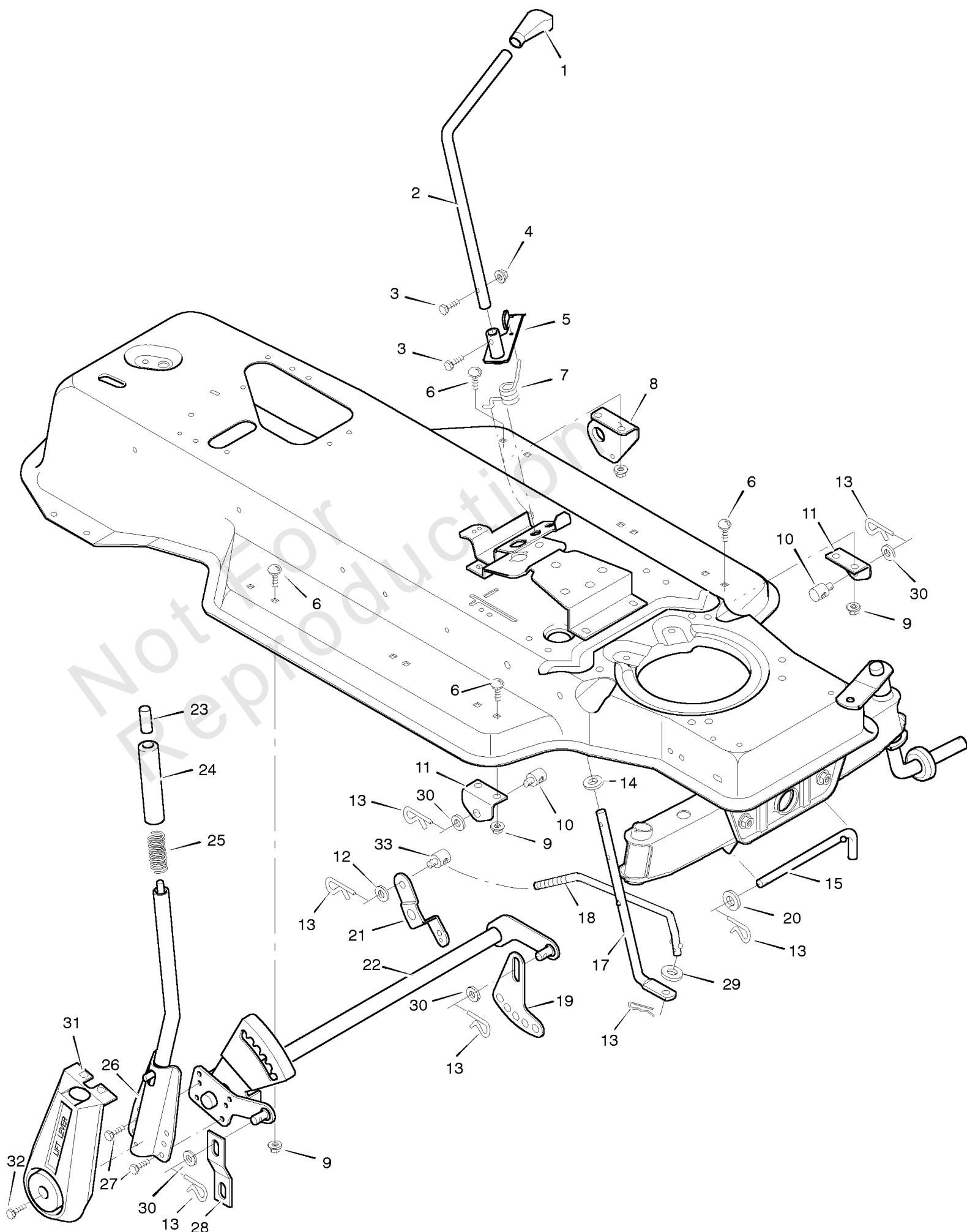
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
54	17X166MA		Washer, Belleville
55	17X165MA		Washer
56	15X100MA		Nut, Hex
58	092163MA		Indicator, Plastic
59	017X48MA		Washer
60	91732E701		Housing, Blade (38")
61	009X42MA		Bolt, Shoulder
--	403228MA		Complete Mower Housing Assembly -(Includes Ref. No's. 1-61)

Mower Housing Suspension

Note: Unless noted otherwise, use the standard torque specifications

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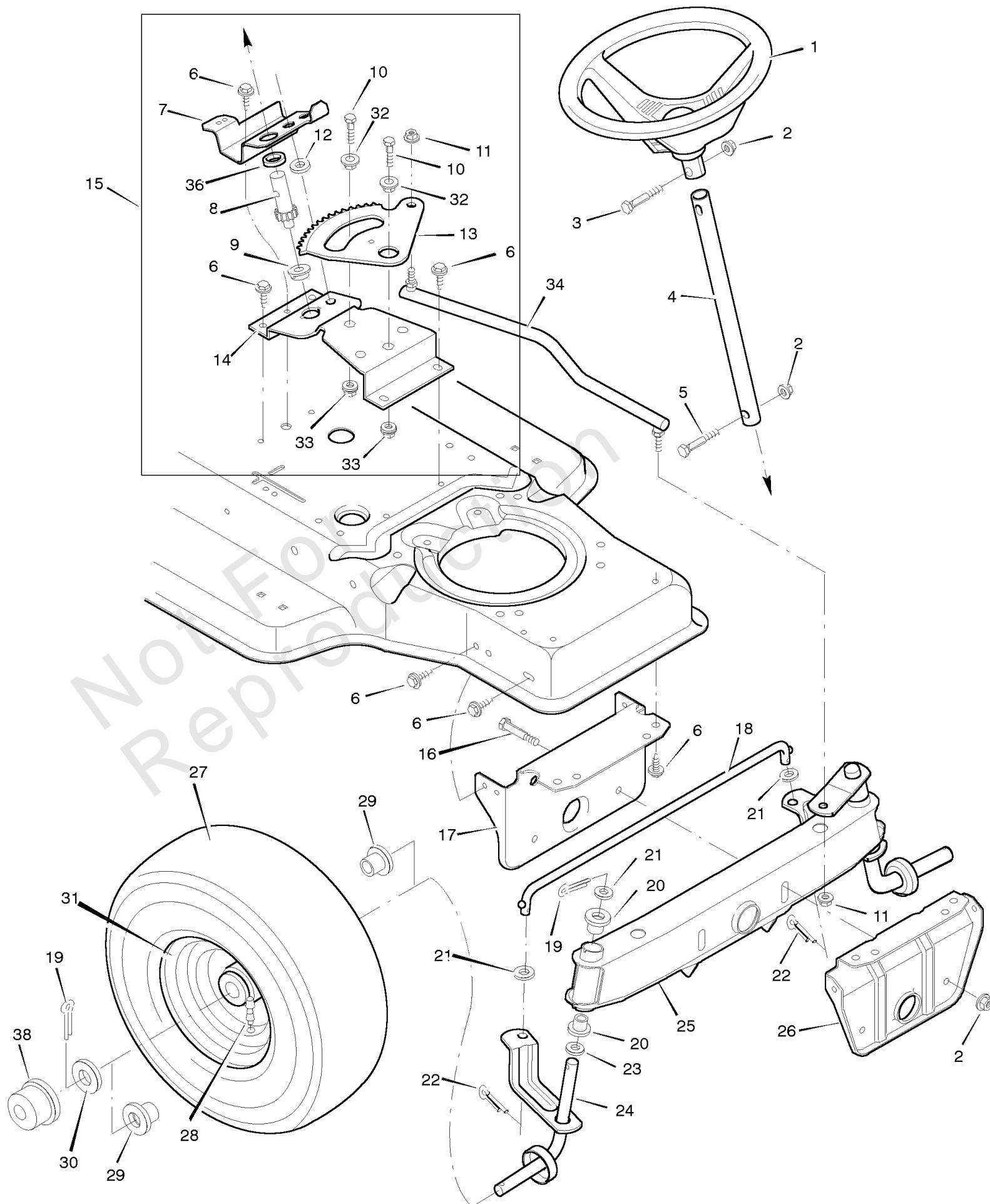
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	091781 Z		Control, Blade Rotation
3	0025X3MA		Screw, Hex
4	015X67MA		Locknut, Hex
5	091917E701MA		Lever Assembly, Switch
6	002X53MA		Bolt, Carriage
7	166X32MA		Spring, Torsion
8	092066E701MA		Bracket, Rear Hanger
9	015X79MA		Nut, Flange
10	092131		Nut, Adjusting
11	92133E701		Bracket, Adjuster Rod
12	17X124MA		Washer
13	0031X4MA		Pin, Hair
14	17X122		Washer
15	090827 Z		Pin, Pull
17	091787E701MA		Lever, Lower Blade Control
18	091795 Z		Rod, Blade Control
19	091741E701MA		Plate, Adjuster
20	17X103MA		Washer
21	092033SEMA		Bracket, Pivot
22	092065E701MA		Lifter Assembly
23	092572MA		Button, Push
24	092783MA		Grip
25	164X21MA		Spring, Compression
26	91823E701		Handle Assembly
27	026X49MA		Screw
28	092064E701MA		Link, Suspension
29	17X472		Washer
30	017X91MA		Washer
31	092157MA		Cover, Lift Lever -(Optional)
32	26X263MA		SCREW.25-20 S-T
33	021920ZMA		Nut, Adjusting

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	092076		Wheel, Steering
2	15X118MA		Nut, Hex
3	001X66MA		Bolt, Hex
4	091860 Z		Post, Steering
5	001X74MA		Bolt, Hex
6	26X249MA		Screw
7	91716E701		Bracket, Sector
8	092715MA		Gear, Pinion
9	091756MA		Bearing
10	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
11	015X87		Locknut, Flange
12	092564MA		Spacer
13	092316		Gear, Sector
14	91708E701		Bracket, Sector
15	402075MA		Kit, Steering Gear
16	01X146MA		Bolt, Hex
17	092529E701		Support, Rear Axle
18	90038E701		Rod, Tie
19	030X49MA		Pin, Cotter
20	092527MA		Bearing
21	017X57MA		Washer
22	030X20MA		Pin, Cotter
23	17X113MA		WASHER.76-1.2 13G FL
24	091828E701MA		Spindle Assembly, Right
25	92518E701		Spindle Assembly, Axle & Left
26	092528E701		Support, Front Axle
27	091912MA		Tire *
--	407047MA		Tube
28	024373MA		VALVE STM&CP,TR41 SE
29	091334		Bearing, Wheel
30	17X115MA		Washer
31	92287601		Wheel & Tire Assembly
32	092097MA		Bearing
33	15X113MA		Locknut, Flange
34	091749E701MA		Link, Drag
36	092280MA		Spacer, Pinion Gear
38	024582MA		Hub Cap -(Optional)

Footnotes:

Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

Hardware Identification & Torque Specifications

Torque Specification Chart

FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$)

Property Class	5.6		8.8		10.9		12.9	
	Class 5.6		Class 8.8		Class 10.9		Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

The guides and ruler furnished below are designed to help you select the appropriate hardware.

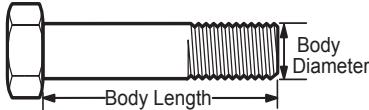


Nut, M8

Thread Diameter (mm)
Inside Diameter (in)

Threads per inch

Nut, 1/2-16



Screw, M8 - 1.25 x 25

Thread Diameter (mm)
Body Diameter

Distance between threads (mm)
Threads per inch

Body Length (mm)
Body Length (in)

Screw, 1/2 - 16 x 2



Standard Hardware Sizing

When a washer or nut is identified as **1/2"** (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (*distance between threads*).

When bolt or capscrew is identified as **1/2 - 16 x 2"** (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

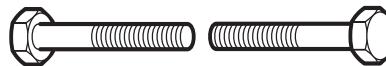
Hardware Grade	No Marks		SAE Grade 2		SAE Grade 5		SAE Grade 8	
	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6		
8-36	20	2.3	31	3.5	43	4.9		
10-24	27	3.1	43	4.9	60	6.8		
10-32	31	3.5	49	5.5	68	7.7		
1/4-20	66	7.6	8	10.9	12	16.3		
1/4-28	76	8.6	10	13.6	14	19.0		
5/16-18	11	15.0	17	23.1	25	34.0		
5/16-24	12	16.3	19	25.8	29	34.0		
3/8-16	20	27.2	30	40.8	45	61.2		
3/8-24	23	31.3	35	47.6	50	68.0		
7/16-14	30	40.8	50	68.0	70	95.2		
7/16-20	35	47.6	55	74.8	80	108.8		
1/2-13	50	68.0	75	102.0	110	149.6		
1/2-20	55	74.8	90	122.4	120	163.2		
9/16-12	65	88.4	110	149.6	150	204.0		
9/16-18	75	102.0	120	163.2	170	231.2		
5/8-11	90	122.4	150	204.0	220	299.2		
5/8-18	100	136	180	244.8	240	326.4		
3/4-10	160	217.6	260	353.6	386	525.0		
3/4-16	180	244.8	300	408.0	420	571.2		
7/8-9	140	190.4	400	544.0	600	816.0		
7/8-14	155	210.8	440	598.4	660	897.6		
1-8	220	299.2	580	788.8	900	1,244.0		
1-12	240	326.4	640	870.4	1,000	1,360.0		

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - for prevailing torque locknuts - use 65% of grade 5 torques.
 - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Common Hardware Types

Hex Head Capscrew



Washer



Carriage Bolt



Hex Nut

Wrench & Fastener Size Guide



1/4" Bolt or Nut Wrench—7/16"



5/16" Bolt or Nut Wrench—1/2"



3/8" Bolt or Nut Wrench—9/16"



7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"



1/2" Bolt or Nut Wrench—3/4"

M6 Bolt or Nut Wrench—10mm

M8 Bolt or Nut Wrench—13mm

M10 Bolt or Nut Wrench—17mm

M12 Bolt or Nut Wrench—19mm

M14 Bolt or Nut Wrench—22 mm

